Claims

What is claimed:

1. A control process for an at least partially axially hammering and rotating electric hand-held machine tool (1) wherein an electromagnetic clutch (4) arranged in the flow of force between an electric motor (2) and a tool receptacle (3) is controllably connected to computing means (5) connected to at least one sensor (6a, 6b, 6c), wherein the clutch (4) is repeatedly alternately opened and closed in at least one process step controlled by the computing means (5).

2. The control process of claim 1, wherein the clutch (4) is alternately opened and closed at a frequency between 20 Hz and 100 Hz in the process step.

3. The control process of claim 1, wherein the process step is initiated in the event of an impending tool blockage detected by the computing means (5) via the sensor (6a, 6b, 6c), with respect to one of a rotation of a housing (7) of the electric hand-held machine tool (1), slippage of the clutch (4), and detection of metal.

4. The control process of claim 1, wherein the process step can be initiated manually by a switch (8) that is connected to the computing means (5) and that can be actuated manually.

5. An electric hand-held machine tool with an at least partially axially hammering and rotating driving means of a tool receptacle (3) wherein an electromagnetic clutch (4) that is controllably connected to computing means (5) connected to at least one sensor (6a, 6b, 6c) is arranged in the flow of force between an electric motor (2) and a tool receptacle (3), wherein the electromagnetic clutch (4) is controllable by computing means (5) using a control process wherein the clutch (4) is repeatedly alternately opened and closed in at least one process step controlled by the computing means (5).